Microsoft®
Wireless Laser Desktop 5000

Microsoft

Technical Data Sheet

Version Information	
Product Name	Microsoft® Wireless Laser Desktop 5000
Product Version	Microsoft Wireless Laser Desktop 5000 v1.0
Keyboard Version	Microsoft Wireless Laser Keyboard 5000 v1.0
Mouse Version	Microsoft Wireless Laser Mouse 5000 v1.0
Receiver Version	Microsoft Wireless Desktop Receiver 3.1
Product Dimensions	
Keyboard Length	20.6 inches (522 millimeters)
Keyboard Width	9.48 inches (241 millimeters)
Keyboard Depth/Height	1.69 inches (43 millimeters)
Keyboard Weight	4.81 ounces (136 grams) including 2 AA alkaline batteries; typical battery weight may vary
Mouse Length	4.82 inches (122 millimeters)
Mouse Width	2.89 inches (73.4 millimeters)
Mouse Depth/Height	1.70 inches (43.3 millimeters)
Mouse Weight	4.86 ounces (384 grams) including 2 AA alkaline batteries; typical battery weight may vary
Receiver Length	4.40 inches (112 millimeters)
Receiver Width	2.77 inches (70.5 millimeters)
Receiver Depth/Height	1.33 inches (33.7 millimeters)
Receiver Weight	3.60 ounces (102 grams)
Receiver Cable Length	78 inches +0.78/-0 inches (1950 millimeters +20/-0 millimeters)
Compatibility and Localization	
Interface	USB compatible
Operating Systems	• Microsoft Windows® Vista™, Windows XP Pro/Pro x64/Home/Media Center Edition/Tablet PC Edition, and Windows 2000 service pack 4 • Macintosh Mac OS X v10.2-10.4 (excluding Mac OS X v10.0-10.1)
Top-line System Requirements	**For a Windows-based PC:** • Requires a PC that meets the requirements for and has installed one of the following operating systems: Microsoft Windows Vista, Windows XP Pro/Pro x64/Home/Media Center/Tablet PC Edition, or Windows 2000 service pack 4 • 60 MB of available hard disk space (Install 100 MB) • USB port • CD drive • Microsoft IntelliType Pro software, version 6.1 and Microsoft IntelliPoint software, version 6.1 **For a Macintosh PC:** • Mac OS X v10.2-10.4 (excluding Mac OS X v10.0-10.1) Dashboard will only work with Mac OS X v10.4 or higher. Expose will only work with Mac OS X v10.3 or higher • 30 MB of available hard disk space (Install 30 MB) • USB port • CD drive • Microsoft IntelliType Pro for Mac software, version 6.1 and Microsoft IntelliPoint for Mac software, version 6.1 Users of Mac OS X v10.2 must install enclosed IntelliType Pro and IntelliPoint software before connecting the hardware. Users of Mac OS X v10.3 must upgrade to Mac OS X v10.3.9 before connecting hardware OR install enclosed IntelliType Pro and IntelliPoint software before connecting the hardware. Multimedia Hot Keys are supported for use with: • Windows-based PC: Versions of Microsoft CD Player, Microsoft Deluxe CD, Microsoft Windows Media® Player, and certain versions of other popular media • Macintosh: iTunes Media, My Computer, and Calculator Hot Keys are not supported with Windows 2000. If you are running Windows XP, visit: http://go.microsoft.com/fwlink/?linkid=60524 to install Windows Live™ Gadgets. If you are using Mac OS X v10.4 or higher, the Gadgets Button will start the Dashboard for Mac. If you are using Macintosh OS X v10.3 or higher, the Instant Viewer button will start Exposé for Mac. If you are using Macintosh OS X, the Magnifier enlarges text and images on the entire screen.
Compatibility Logos	• Certified for Microsoft Windows Vista • Mac logo • Universal Mac logo • Certified USB logo
Software Localization	**For a Microsoft Windows-based PC:** Microsoft IntelliPoint and IntelliType Pro software may be installed in Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Korean, Brazilian Portuguese, Iberian Portuguese, or Spanish. If available, standard setup will install the software in the default OS language. Otherwise, the English language versions will be installed. **For a Macintosh PC:** Microsoft IntelliPoint for Mac and IntelliType Pro for Mac will install in English, French, German, Italian, Japanese, Brazilian Portuguese, and Spanish. User settings for OS language preference determine which localized version of the software is displayed. In the event that OS language preferences are not supported, the English language versions will be displayed.
Keyboard Localization	Available language sets will vary by product and sales channel. **104 key configuration:** Greek and Russian **105 key configuration:** Belgian (Azerty), Danish, English (UK), Finnish/Swedish, French, German (Germany), German (Switzerland/Luxemburg), Italian, Norweigian, Portuguese (Iberian), Spanish (Latam), Spanish (Spain), and Turkish. **107 key configuration:** Portuguese (Brazilian)

Tracking Technology	
Mouse Tracking System	Microsoft-proprietary high definition laser technology
Imaging Rate	Dynamically adaptable to 6000 frames per second
X-Y Resolution	1000 points per inch (39.4 points per millimeter)
Tracking Speed	Up to 20 inches (508 millimeters) per second
Wireless Technology	
Wireless Platform	27 MHz Radio Frequency (RF)
Wireless Channels	• Keyboard: 27.195 MHz channel 1 • Mouse: 27.145 MHz channel 1
Wireless IDs	• Keyboard: Over 65,000 random identification codes • Mouse: Over 65,000 random identification codes
Wireless Range	6 feet (1.83 meters) typical. Note: RF range is affected by many factors, such as nearby metallic objects and relative positioning of the keyboard, mouse, and receiver.
Power Requirements	
Battery Type and Quantity	• Keyboard: 2 AA alkaline batteries (included) • Mouse: 2 AA alkaline batteries (included)
Battery Life	• Keyboard: 6 months typical • Mouse: 6 months typical
Product Feature Performance	
QWERTY Key Life	10,000,000 actuations per key
Zoom Slider Life	500,000 actuations per key
Hot Key Features	Back, Forward, Web/Home, Photo, Music, E-mail, Windows Live Call, Gadgets, Calculator, Log Off, My Documents, My Favorites, My Favorites 1, My Favorites 2, My Favorites 3, My Favorites 4, My Favorites 5, and Zoom Toggle
Hot Key Life	500,000 actuations per key
Media Key Features	Mute, Volume -, Volume +, Play/Pause, Next Track, and Previous Track
Media Key Life	500,000 actuations per key
Typing Speed	1000 characters per minute
Mouse Button Features	5 buttons including scroll wheel button, magnify button, and back button
Right & Left Button Life	1,000,000 actuations at no more than 4 actuations per second
Wheel Button Life	150,000 actuations at no more than 4 actuations per second
Magnify Button Life	1,000,000 actuations at no more than 4 actuations per second
Mouse Scrolling Features	Tilt wheel technology enables vertical and horizontal scrolling
Wheel Vertical Scrolling Life	• 100,000 revolutions (away from user) at no more than 60 rotations per minute • 300,000 revolutions (toward user) at no more than 60 rotations per minute
Wheel Horizontal Scrolling Life	150,000 actuations at no more than 4 actuations per second
Storage Temperature & Humidity	-40 °F (-40 °C) to 140 °F (60 °C) at < 5% to 65% relative humidity (non-condensing)
Operating Temperature & Humidity	32 °F (0 °C) to 104 °F (40 °C) at <5% to 80% relative humidity (non-condensing)
Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9001 Qualified Manufacturer	Yes
FCC ID	This device complies with part 15 of the FCC Rules and Industry Canada RSS-210 and RSS-310. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Tested to comply with FCC standards. For home and office use. Model numbers: 1074, Wireless Laser Keyboard 5000`v1.0 1058, Wireless Laser Mouse 5000 v1.0; and 1028, Wireless Desktop Receiver 3.1 FCC IDs: C3K1074 and C3K1058.
Laser Compliance	This device complies with International standard IEC 60825-1:2001-08 for a Class 1 laser product. This device also complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.
Agency and Regulatory Marks	• FCC Declaration of Conformity (USA) • UL and cUL Listed Accessory (USA and Canada) • RSS-310 and ICES-003 report on file (Canada) • Anatel Certificate (Brazil) • R&TTE Declaration of Conformity, Safety and EMC (European Union) • TUV-T Certificate (European Union) • ACA/MED Declaration of Conformity (Australia and New Zealand) • ICASA Certificate (South Africa) • GOST Certificate (Russia) • VCCI Certificate (Japan) • BSMI and DGT Certificates (Taiwan) • MIC Certificate (Korea) • CMII Certificate (China) • SQAS Certificate (Malaysia) • IDA Approval (Singapore) • CB Scheme Certificate (International)
Windows Hardware Quality Labs (WHQL)	ID: PENDING Microsoft Windows 2000, Windows XP (x86, x64), Windows Server 2003 (x86, x64), and Windows Vista (x86, x64)